

09980884

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
14 December 2000 (14.12.2000)

PCT

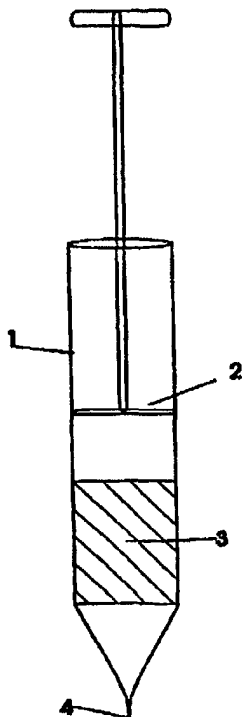
(10) International Publication Number  
WO 00/75623 A1

- (51) International Patent Classification<sup>7</sup>: G01N 1/34 John [GB/GB]; 481 Loose Road, Maidstone, Kent ME15 9UJ (GB).
- (21) International Application Number: PCT/GB00/02211
- (22) International Filing Date: 7 June 2000 (07.06.2000) (74) Agent: COHEN, Alan, Nicol; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (GB).
- (25) Filing Language: English (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (26) Publication Language: English
- (30) Priority Data: 9913275.5 8 June 1999 (08.06.1999) GB (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): DNA RESEARCH INSTRUMENTS LIMITED [GB/GB]; Sittingbourne Research Centre, Building 740, Heeley Close, Sittingbourne, Kent ME9 8HL (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): BAKER, Matthew,

[Continued on next page]

(54) Title: SAMPLE PROCESSING DEVICE

(57) Abstract: A method for extracting biomolecules such as DNA from a liquid mixture comprises passing the liquid up and down through a solid phase incorporating an adsorbent for the biomolecule.



WO 00/75623 A1